

USSN 10/734,078

IN THE CLAIMS

1.-10. (Canceled)

11. (currently amended) A coated article, comprising a nickel base superalloy substrate consisting essentially of, in weight %, about 3% to about 12% Cr, up to about 15% Co, up to about 3% Mo, about 3% to about 10% W, up to about 6% Re, about 5% to about 7% Al, up to about 2% Ti, up to about 1% Fe, up to about 2% Nb, about 3% to about 12% Ta, up to about 0.07% C, about 0.030% to about 0.80% Hf, up to about 0.10% Zr, up to about 0.02% B, up to about 0.050% of a rare earth element, and balance Ni and incidental impurities; an outwardly grown, single phase platinum-modified diffusion aluminide bondcoat on the substrate, and a ceramic thermal barrier coating comprising zirconia disposed on the bondcoat wherein spallation life of the ceramic thermal barrier coating during cyclic oxidation is prolonged.

12. (original) The article of claim 11 wherein the rare earth element is selected from the group consisting of Y and Lanthanide series elements with atomic numbers from 58 to 71.

13. (currently amended) The article of claim 12 wherein about 0.0005% to about 0.050 weight % of ~~said rare earth element Y~~ is present.

14. (original) The article of claim 11 having a sulfur concentration of 2 ppm by weight or less.

15. (previously presented) The article of claim 11 wherein the Hf concentration of the substrate is from about 0.33% to about 0.80% by weight.

USSN 10/734,078

16. (cancelled).

17. (previously presented) The article of claim 11 wherein the substrate comprises a gas turbine engine blade.